

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.  
P23700

Application No.  
10/646,860

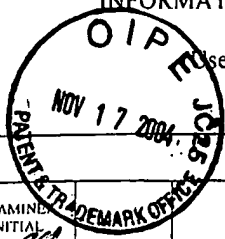
INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Hiroshi NOMURA

Filing Date  
August 25, 2003

Group  
2851



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Handwritten Initial]</i>	4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
	4 9 7 4 9 4 9	12/04/90	TANAKA			
	5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
	5 2 1 0 6 4 4	05/11/93	NOMURA			
	5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
	5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
	5 9 1 2 7 7 2	06/15/99	AOKI			
	5 9 2 6 3 2 2	07/20/99	IWASAKI			
	6 4 9 0 0 9 9	12/03/02	SASAKI			
	6 5 7 0 7 1 8	05/27/03	NOMURA et al.			
	6 6 1 1 6 6 3	08/26/03	NAKAGAWA			
	6 7 1 1 3 4 9	03/23/04	DIRISIO			
	6 7 5 7 4 8 9	06/29/04	NOMURA et al.			
2001/	0 0 1 7 7 3 8	08/30/01	NOMURA et al.			
2002/	0 1 8 1 9 5 3	12/05/02	ICHINOKAWA			
2003/	0 0 0 7 7 9 6	01/09/03	NOMURA et al.			
	6 6 6 5 1 2 9	12/16/03	NOMURA et al.			
	5 5 4 8 4 4 6	08/20/96	ENOMOTO			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
2003 - 1 4 9 7 2 3	05/21/03	JAPAN			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
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EXAMINER

*[Handwritten Signature]*

DATE CONSIDERED

2/3/05

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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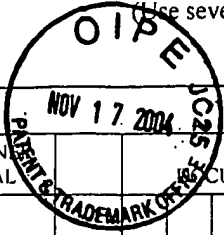
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>BA</i>	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.				
<i>BA</i>	3	Digital CAPA March 2003, Which was publicly released on February 20, 2003, together with an English language translation of the same.				
<i>BA</i>	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.				

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*BA LJA*

DATE CONSIDERED

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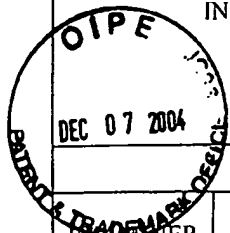
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Hiroshi NOMURA et al.

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U.S. PATENT DOCUMENTS



EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>EL</i>	4 9 5 2 9 5 5	08/28/90	IWATA et al.			
	4 9 3 7 6 0 9	06/26/90	WAKABAYASHI et al.			
	5 9 0 9 6 0 0	06/01/99	KOSAKO			
	4 5 4 5 6 6 1	10/08/85	HAMAGUCHI et al.			
	5 7 9 0 9 1 1	08/04/98	REIBL			
	5 7 9 0 9 0 7	08/04/98	REIBL			

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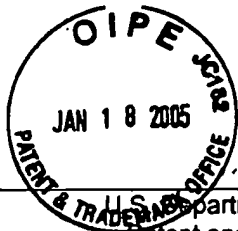
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
<i>EL</i>	0 5 9 8 7 0 3	05/25/94	E.P.O				
	9 - 1 5 6 8 2	01/17/97	JAPAN				
	0 8 1 0 4 6 6	03/12/97	E.P.O				
	3 3 1 7 9 9 9	11/24/83	GERMANY				
	1 9 6 2 3 0 6 6	12/11/97	GERMANY				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>EL</i>	1	English language Abstract of JP 9-15682.

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FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23700	Application No. 10/646,860
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant Hiroshi NOMURA	
		Filing Date August 25, 2003	Group 2851

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4 7 9 1 4 4 1	12/13/88	NISHI et al.			
		4 4 5 1 1 2 9	05/29/84	IKARI et al.			
		3 3 7 7 4 2 7	04/09/68	FISCHER			
		5 7 1 5 4 8 2	02/03/98	WAKABAYASHI			
		4 5 9 7 6 5 7	07/01/86	WAKABAYASHI			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		8 - 3 1 3 7 9 0	11/29/96	JAPAN				
		6 - 2 3 0 2 6 3	08/19/94	JAPAN				
		10 - 2 5 4 0 5 4	09/25/98	JAPAN				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		1	English Language Abstract of JP 8-313790.
		2	English Language Abstract of JP6-230263.
		3	English Language Abstract of JP 10-254054.
		4	English Language Abstract of JP 2003-149723.

EXAMINER	DATE CONSIDERED <u>2/3/05</u>
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